



## Prioritize Your Energy Efficiency Improvements with Home Energy Saver

Need help prioritizing your home energy improvements? The Home Energy Saver's Energy Advisor\* can help consumers identify the best ways to save energy in their homes and find the resources to make the savings happen.

An Internet-based tool, the HES Energy Advisor, calculates energy use and savings opportunities based on a detailed description you provide of your home. Once you log on to the HES Web site, <http://hes.lbl.gov/hes/>, you simply enter your ZIP code to receive instant initial estimates. By providing additional information about your home, you will receive increasingly customized results, along with energy saving upgrade recommendations. And by simply entering the number and approximate age of your major appliances, you can estimate your energy consumption, based on historic sales-weighted efficiency data.

Visit the HES Web site for more information about the Energy Advisor, as well as other tools HES offers to connect users to a number of "how-to" information resources.

\* Sponsored by the U.S. Department of Energy and the U.S. Environmental Protection Agency

## Tips for Managing Winter Heating Bills

With the already high cost of natural gas supply expected to rise again, AmerenCILCO is committed to helping customers keep their energy bills as low as possible this winter.

One step you can take is to install a new high-efficiency furnace. Although older furnaces and boilers had efficiencies in the range of 60 to 70 percent, modern heating systems can achieve efficiencies as high as 97 percent, converting nearly all the fuel to useful heat



for the home. So even if the initial cost seems high, you can realize energy savings over time.

If you decide to replace an old heating system, consider the most efficient unit available. Ameren offers the following tips for selecting and installing an efficient pulse-fired gas furnace:

- Before installing a new furnace, review

your usage for previous bills during winter months to determine how much you might save with an energy-efficient model.

- Look for the ENERGY STAR® logo. The Environmental Protection Agency estimates that ENERGY STAR-labeled heating and cooling equipment, when properly sized and installed, can save consumers 10 to 40 percent on heating and cooling bills. ENERGY STAR furnaces are highly efficient, use less energy than conventional systems and help reduce pollution associated with energy use.
- Pay attention to furnace size. Besides raising purchase cost, over-sizing of furnaces may result in less energy efficiency, due to excessive on-off cycling.
- Properly seal ducts. An average home loses more than a quarter of its heating energy through leaky ductwork. Poor sealing of ducts can also generate comfort problems and, in some cases, cause back-drafting of gas-fired furnaces and water heaters.
- Improve furnace efficiency by replacing filters on a regular basis.

## Enroll in Budget Billing to Avoid Seasonal Peaks

Customers who sign up for Ameren's Budget Billing—which allows you to pay a regular monthly amount—can avoid the peaks that come with either summer air conditioning or winter heating.

Here's how it works:

- Using past service records, we figure your average annual electricity and gas costs based on the amount used at your address during the last 365 days.
- We divide that amount by 12 and bill you the same amount each month, for 12 months, unless your remaining balance increases as described here.
- We review your account on the fourth and eighth month after the start of your

participation in the plan. If the re-evaluated budget amount indicates an increase of \$3 or more, an increased Budget Billing amount will be established.

- At the end of the 12 months, we will calculate the difference between the cost of the energy you actually used during the year and the amount you paid on Budget Billing. If the budget balance is behind, you will be billed for the remaining balance. If the account is ahead, a credit will remain on your account.





## Use Caution with Space Heating Equipment

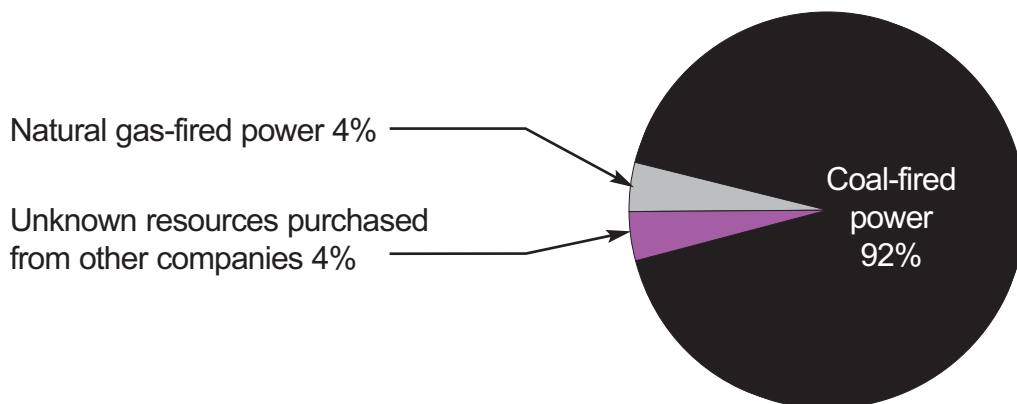
Falling temperatures and rising heating costs have many looking at ways to lower home heating bills. While portable heaters can help take the chill from areas of your home, they are dangerous if used improperly.

In fact, approximately one-third of all house fires nationwide occur during the home-heating season — December, January and February. The National Fire Protection Association attributes most winter fires to improper use and maintenance of supplemental heating equipment.

Ameren urges customers to exercise extreme caution when using any type of space heater. Here are several tips for using electric space heaters safely:

- Purchase space heaters that have been safety tested and rated.
- Read and follow all manufacturer instructions for operation and care.
- Place heaters on hard floor surfaces and keep them at least three feet from flammable items, such as draperies, blankets and sofas.
- Never leave space heaters unattended. Turn off your space heater, and unplug it before leaving the room or going to bed.

## Sources of electricity supplied for the 12 months ending June 30, 2005



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### Percentage of total

Biomass power	0%
Coal-fired power	92%
Hydro power	0%
Natural gas-fired power	4%
Nuclear power	0%
Oil-fired power	0%
Solar power	0%
Wind power	0%
Other resources	0%
Unknown resources purchased from other companies	4%
<b>TOTAL</b>	<b>100%</b>

## AVERAGE AMOUNTS OF EMISSIONS and AMOUNT OF NUCLEAR WASTE per 1000 kilowatt-hours (kWhs) PRODUCED from KNOWN<sup>1</sup> sources for the 12 months ending June 30, 2005

Carbon Dioxide	2,044 lbs
Nitrogen Oxides	2.94 lbs
Sulfur Dioxide	14.08 lbs
High-Level Nuclear Waste	0 lbs
Low-Level Nuclear Waste	0 ft <sup>3</sup>

### Footnote

<sup>1</sup> 4% of the total electricity supplied was purchased from other suppliers and the amounts of emissions and amount of nuclear waste attributable to producing this electricity is not known and is not included in this table.

Additional information on companies selling electrical power in Illinois may be found at the Illinois Commerce Commission's Web site ([www.icc.illinois.gov](http://www.icc.illinois.gov)).

### AmerenCILCO Customer Service Numbers

Residential:  
**1.888.672.5252**  
Business:  
**1.877.677.5740**

Suspected gas leak:  
**1.888.672.5252**  
TDD for hearing-impaired:  
**1.800.655.8151**

Underground locating (JULIE):  
**1.800.892.0123**  
Speed Pay information:  
**1.866.729.2452**